

CLAIMS

What is claimed is:

1. A device for limiting the movement of a first body in relation to a second
body, comprising:
 - a bendable piece of material, wherein the piece comprises a first section and a second section contiguous to the first section, wherein the second section forms a first angle with respect to the first section, wherein the first angle is measured in a counter-clockwise direction from the first section, wherein the first angle is at least zero degrees and is less than 135 degrees when the piece is un-deflected, and wherein at least a portion of the first section is attachable to the second body.
2. The device as recited in claim 1, wherein the piece is selected from the group consisting of wire, sheet stainless spring steel, a band, and a molded part.
3. The device as recited in claim 1, wherein the portion of the first section is attached to the second body, wherein the piece is positioned in a first position relative to the second body, and wherein when the piece is positioned in the first position the second section prevents movement in a preselected direction of the first body past the second section.
4. The device as recited in claim 3, wherein a force applied to the second section positions the piece in a second position relative to the second body and wherein when the piece is positioned in the second position the first body is capable of unrestricted motion past the second section in the preselected direction.

- 2 5. The device as recited in claim 3, wherein movement of the piece from the first position to the second position occurs in a plane substantially perpendicular to a plane which includes the first angle.
- 2 6. The device as recited in claim 1, wherein the piece further comprises a third section, wherein the third section is contiguous to the second section, wherein the third section forms a second angle with parallel translation of the first section, wherein vertex of the second angle is located where the second section and the third section are contiguous, wherein the second angle is measured in a counter-clockwise direction from the parallel translation of the first section, and wherein the second angle is at least 190 degrees and is less than 270 degrees when the piece is un-deflected.
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- 2 7. The device as recited in claim 6, wherein movement of the piece from the first position to the second position occurs in a plane substantially perpendicular to a plane which includes the first and second angles.
- 2 8. The device as recited in claim 6, wherein the piece further comprises a fourth section, wherein the fourth section is separately contiguous to the third section, wherein the fourth section forms a third angle with parallel translation of the first section, wherein vertex of the third angle is located where the third section and the fourth section are contiguous, wherein the third angle is measured in a counter-clockwise direction from the parallel translation of the first section, and wherein the third angle is at least 135 degrees and is less than 225 degrees when the piece is un-deflected.
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- 2 9. A device for limiting the movement of a first body in relation to a second body, comprising:

4 a bendable piece, wherein the piece comprises a base and a protrusion
connected to the base, wherein the base comprises a first segment and a
6 second segment, and wherein at least a portion of the first segment is
attachable to the second body.

2 10. The device as recited in claim 9, wherein the piece is selected from the
group consisting of wire, sheet stainless spring steel, a band, and a
molded part.

2 11. The device as recited in claim 9, wherein the portion of the first segment
is attached to the second body, wherein the piece is positioned in a first
4 position relative to the second body, and wherein when the piece is
positioned in the first position the protrusion prevents movement in a
preselected direction of the first body past the protrusion.

2 12. The device as recited in claim 11, wherein a force applied to the second
segment positions the piece in a second position relative to the second
4 body and wherein when the piece is positioned in the second position the
first body is capable of unrestricted motion past the protrusion in the
preselected direction.

2 13. The device as recited in claim 12, wherein movement of the piece from
the first position to the second position occurs in a plane substantially
4 perpendicular to a plane which includes the first segment and the
protrusion.